

ABSTRACT OF THE DISCLOSURE

In accordance with an aspect of the invention digital thermometer comprises a housing having first and second portions, where the first portion defining a cavity. A waterproof seal is disposed between the first and second portions of the housing. Temperature conversion logic is disposed within the cavity of said housing and said temperature conversion logic is encapsulated by a material having low thermal conductivity. To protect against high heat, an insulating member is disposed in the cavity of said housing and a probe connected to said housing.